

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicants

Lu et al.

Filing Date

2001-07-19

Group Art Unit

2424

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	CITE NO.	DOCUMENT NUMBER	ISSUE DATE	INVENTOR(S)	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	3372233	1968-03-05	Currey, Charles H.			
	2.	3845391	1974-10-29	Crosby, Murray G.			
	3.	3919479	1975-11-11	Moon et al.			
	4.	4025851	1977-05-24	Haselwood et al.			
	5.	4027332	1977-05-31	Wu et al.			
	6.	4574304	1986-03-04	Watanabe et al.			
	7.	4599644	1986-07-08	Fischer, Peter			
	8.	4622583	1986-11-11	Watanabe et al.			
	9.	4633302	1986-12-30	Damoci, Joseph A.			
	10.	4639779	1987-01-27	Greenberg, Burton L.			
	11.	4739398	1988-04-19	Thomas et al.			
	12.	4750034	1988-06-07	Lem, Paulus M.			
	13.	4764808	1988-08-16	Solar, Carl M.			
	14.	4792864	1988-12-20	Watanabe et al.			
	15.	4839919	1989-06-13	Borges et al.			
	16.	4843562	1989-06-27	Kenyon et al.			
	17.	4847685	1989-07-11	Gall et al.			
	18.	4876617	1989-10-24	Best et al.			
	19.	4931871	1990-06-05	Kramer, Robert A.			
	20.	4945412	1990-07-31	Kramer, Robert A.			
	21.	5023929	1991-06-11	Call, James			

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	CITE NO.	DOCUMENT NUMBER	ISSUE DATE	INVENTOR(S)	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	22.	5113437	1992-05-12	Best et al.			
	23.	5138659	1992-08-11	Kelkar et al.			
	24.	5165069	1992-11-17	Vitt et al.			
	25.	5294977	1994-03-15	Fisher et al.			
	26.	5369440	1994-11-29	Sussman, Barry			
	27.	5379345	1995-01-03	Greenberg, Burton L.			
	28.	5404161	1995-04-04	Douglass et al.			
	29.	5583784	1996-12-10	Kapust et al.			
	30.	5675510	1997-10-07	Coffey et al.			
	31.	5676282	1997-10-14	Satterfield, Delbert			
	32.	5734444	1998-03-31	Yoshinobu, Hitoshi			
	33.	5764763	1998-06-09	Jensen et al.			
	34.	5768680	1998-06-16	Thomas, C. David			
	35.	5796952	1998-08-18	Davis et al.			
	36.	5889548	1999-03-30	Chan, Cheuk Wan			
	37.	5914746	1999-06-22	Matthews, III, et al.			
	38.	5963914	1999-10-05	Skinner et al.			
	39.	6286140	2001-09-04	Ivanyi, Thomas P.			
	40.	6421445	2002-07-16	Jensen et al.			
	41.	6473903	2002-10-29	Balakrishnan et al.			
	42.	6513161	2003-01-28	Wheeler et al.			
	43.	6647548	2003-11-11	Lu et al.			
	44.	6675383	2004-01-06	Wheeler et al.			
	45.	6735775	2004-05-11	Massetti, Enrico Emilio			
	46.	7316025	2008-01-01	Aijala et al.			
	47.	7454776	2008-11-18	Walker et al.			

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIALS	CITE NO.	DOCUMENT NUMBER	ISSUE DATE	INVENTOR(S)	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	20040088721	2004-05-06	Wheeler et al.			

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
	1.	0195639	1986-09-24	EP				Published in English
	2.	0245037	1987-11-11	EP				Published in English
	3.	0598398	1994-05-25	EP			Abstract Only	
	4.	0687083	1995-12-13	EP			Abstract Only	
	5.	0985287	2000-03-15	EP				Published in English
	6.	2555383	1985-05-24	FR			Abstract Only	
	7.	2717025	1995-09-08	FR			Abstract Only	
	8.	2170080(A)	1986-07-23	GB				Published in English
	9.	9111062	1991-07-25	WO				Published in English
	10.	9411989	1994-05-26	WO				Published in English
	11.	9515653	1995-06-08	WO				Published in English
	12.	9641495	1996-12-19	WO				Published in English
	13.	9831155	1998-07-16	WO				Published in English
	14.	9959275	1999-11-18	WO				Published in English
	15.	9962260	1999-12-02	WO				Published in English
	16.	0004662	2000-01-27	WO				Published in English
	17.	0016552	2000-03-23	WO				Published in English

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	1.	PATENT COOPERATION TREATY, "International Search Report," issued by the International Searching Authority in connection with PCT application No. PCT/US1998/023558, mailed August 27, 1999 (4 pages).
	2.	PATENT COOPERATION TREATY, "International Search Report," issued by the International Searching Authority in connection with PCT application No. PCT/US2000/003829, mailed August 18, 2000 (3 pages).
	3.	United States Patent and Trademark Office, "Non-Final Office Action," issued in connection with U.S. Patent Application Serial No. 09/076,517, on March 5, 2002 (14 pages).
	4.	United States Patent and Trademark Office, "Non-Final Office Action," issued in connection with U.S. Patent Application Serial No. 09/076,517, on November 19, 2002 (11 pages).
	5.	United States Patent and Trademark Office, "Final Office Action," issued in connection with U.S. Patent Application Serial No. 09/076,517, on August 11, 2003 (14 pages).
	6.	United States Patent and Trademark Office, "Final Office Action," issued in connection with U.S. Patent Application Serial No. 09/076,517, on March 11, 2004 (17 pages).
	7.	United States Patent and Trademark Office, "Examiner's Answer in response to the Appeal Brief filed April 13, 2005," issued in connection with U.S. Patent Application Serial No. 09/076,517, on November 2, 2005 (14 pages).
	8.	United States Patent and Trademark Office, "Decision on Appeal," issued in connection with U.S. Patent Application Serial No. 09/076,517, on September 26, 2006 (12 pages).
	9.	United States Patent and Trademark Office, "Non-Final Office Action," issued in connection with U.S. Patent Application Serial No. 09/949,938, on October 24, 2002 (11 pages).
	10.	United States Patent and Trademark Office, "Non-Final Office Action," issued in connection with U.S. Patent Application Serial No. 09/949,938, on May 9, 2003 (8 pages).
	11.	United States Patent and Trademark Office, "Final Office Action," issued in connection with U.S. Patent Application Serial No. 09/949,938, on November 7, 2003 (11 pages).
	12.	United States Patent and Trademark Office, "Non-Final Office Action," issued in connection with U.S. Patent Application Serial No. 11/339,269, on February 15, 2008 (28 pages).
	13.	United States Patent and Trademark Office, "Final Office Action," issued in connection with U.S. Patent Application Serial No. 11/339,269, on November 26, 2008 (29 pages).
	14.	United States Patent and Trademark Office, "Advisory Action Before the Filing of an Appeal Brief," issued in connection with U.S. Patent Application Serial No. 11/339,269, on February 25, 2009 (3 pages).
	15.	United States Patent and Trademark Office, "Non-Final Office Action," issued in connection with U.S. Patent Application Serial No. 11/595,117, on November 25, 2008 (7 pages).
	16.	Australian Intellectual Property Office, "Notice of Acceptance," issued in connection with Australian Patent Application Serial No. 57828/01, on December 3, 2002 (2 pages).
	17.	Australian Intellectual Property Office, "Notice of Acceptance," issued in connection with Australian Patent Application Serial No. 57833/01, on December 3, 2002 (2 pages).
	18.	Australian Intellectual Property Office, "Examiner's First Report," issued in connection with Australian Patent Application Serial No. 82980/98, on July 24, 2000 (2 pages).
	19.	"The Claims Defining the Invention," which were allowed in connection with Australian Patent Application Serial No. 57830/01, December 3, 2002 (4 pages).
	20.	Australian Intellectual Property Office, "Notice of Acceptance," issued in connection with Australian Patent Application Serial No. 57830/01, on December 3, 2002 (2 pages).
	21.	"The Claims Defining the Invention," which were allowed in connection with Australian Patent Application Serial No. 57831/01, September 9, 2003 (1 page).
	22.	Australian Intellectual Property Office, "Notice of Acceptance," issued in connection with Australian Patent Application Serial No. 57831/01, on September 9, 2003 (2 pages).
	23.	Australian Intellectual Property Office, "Notice of Acceptance," issued in connection with Australian Patent Application Serial No. 57832/01, on October 27, 2003 (2 pages).

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.</p>	

24.	"The Claims Defining the Invention," which were allowed in connection with Australian Patent Application Serial No. 57832/01, October 27, 2003 (2 pages).
25.	Canadian Intellectual Property Office, "Notification of a Requisition by the Examiner," issued in connection with Canadian Patent Application Serial No. 2,289,519, on February 9, 2000 (3 pages).
26.	Canadian Intellectual Property Office, "Notification of a Requisition by the Examiner," issued in connection with Canadian Patent Application Serial No. 2,289,519, on June 16, 2000 (2 pages).
27.	English Language Translation of the Granted Claims in connection with Chinese Patent Application Serial No. 98806840.0, October 17, 2003 (5 pages).
28.	The State Intellectual Property Office of China, "First Office Action," issued in connection with Chinese Patent Application Serial No. 98806840.0, on October 25, 2002, with its English language translation (11 pages).
29.	The State Intellectual Property Office of China, "Notice of Grant of Patent Right to Invention," issued in connection with Chinese Patent Application Serial No. 98806840.0, on October 17, 2003, with its English language translation (4 pages).
30.	The State Intellectual Property Office of China, "Second Office Action," issued in connection with Chinese Patent Application Serial No. 98806840.0, on April 25, 2003, with its English language translation (7 pages).
31.	The State Intellectual Property Office of China, "First Office Action," issued in connection with Chinese Patent Application Serial No. 200310123387.1, on December 8, 2006, with its English language translation (8 pages).
32.	The State Intellectual Property Office of China, "Second Office Action," issued in connection with Chinese Patent Application Serial No. 200310123387.1, on August 3, 2007, with its English language translation (7 pages).
33.	The State Intellectual Property Office of China, "Rejection Decision," issued in connection with Chinese Patent Application Serial No. 200310123387.1, on April 4, 2008, with its English language translation (7 pages).
34.	European Patent Office, "Communication Pursuant to Article 96(2) and Rule 51(2) EPC," issued in connection with European Patent Application Serial No. 98 933 309.1, on March 15, 2000 (4 pages).
35.	European Patent Office, "Communication Pursuant to Article 96(2) EPC," issued in connection with European Patent Application Serial No. 98 933 309.1, on September 14, 2000 (4 pages).
36.	European Patent Office, "Communication Pursuant to Article 96(2) EPC," issued in connection with European Patent Application Serial No. 98 933 309.1, on April 23, 2001 (5 pages).
37.	European Patent Office, "Communication Pursuant to Article 96(2) EPC," issued in connection with European Patent Application Serial No. 98 933 309.1, on September 13, 2001 (3 pages).
38.	European Patent Office, "Communication Pursuant to Article 96(2) EPC," issued in connection with European Patent Application Serial No. 98 933 309.1, on January 7, 2003 (6 pages).
39.	European Patent Office, "Summons to Attend Oral Proceedings Pursuant to Rule 71(1) EPC," issued in connection with European Patent Application Serial No. 98 933 309.1, on March 12, 2004 (7 pages).
40.	European Patent Office, "Communication Under Rule 51(4) EPC," issued in connection with European Patent Application Serial No. 98 933 309.1, on November 17, 2004 (11 pages).
41.	European Patent Office, "Communication Pursuant to Article 96(2) EPC," issued in connection with European Patent Application Serial No. 00 114 271.0, on September 13, 2001 (4 pages).
42.	European Patent Office, "Communication Pursuant to Article 96(2) EPC," issued in connection with European Patent Application Serial No. 00 114 271.0, on January 7, 2003 (4 pages).
43.	European Patent Office, "Summons to Attend Oral Proceedings Pursuant to Rule 71(1) EPC," issued in connection with European Patent Application Serial No. 00 114 271.0, on March 11, 2004 (6 pages).
44.	European Patent Office, "Provision of a Copy of the Minutes in Accordance with Rule 76(4) EPC," issued in connection with European Patent Application Serial No. 00 114 271.0, on November 10, 2004 (7 pages).
45.	European Patent Office, "Communication Under Rule 51(4) EPC," issued in connection with European Patent Application Serial No. 00 114 271.0, on November 24, 2004 (4 pages).
46.	European Patent Office, "Annexure of Communication Under Rule 51(4) EPC," issued in connection with European Patent Application Serial No. 00 114 271.0, on November 24, 2004 (6 pages).

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.</p>	

	47.	European Patent Office, "Decision to Grant a European Patent Pursuant to Article 97(2) EPC," issued in connection with European Patent Application Serial No. 00 114 271.0, on April 21, 2005 (1 page).
	48.	European Patent Office, "Communication Pursuant to Article 96(2) EPC," issued in connection with European Patent Application Serial No. 00 114 272.8, on July 3, 2001 (3 pages).
	49.	European Patent Office, "Communication Pursuant to Article 96(2) EPC," issued in connection with European Patent Application Serial No. 00 114 272.8, on November 28, 2002 (3 pages).
	50.	European Patent Office, "Communication Pursuant to Article 115(2) EPC," issued in connection with European Patent Application Serial No. 00 114 272.8, on August 14, 2003 (16 pages).
	51.	European Patent Office, "Communication Pursuant to Article 96(2) EPC," issued in connection with European Patent Application Serial No. 00 114 272.8, on June 28, 2004 (4 pages).
	52.	European Patent Office, "Adjournment of Examination/Opposition Proceedings," issued in connection with European Patent Application Serial No. 00 114 272.8, on April 11, 2006 (1 page).
	53.	European Patent Office, "Communication Under Rule 51(4) EPC," issued in connection with European Patent Application Serial No. 00 114 272.8, on March 15, 2007 (4 pages).
	54.	Indian Patent Office, "First Examination Report," issued in connection with Indian Patent Application Serial No. 1812/MAS/98, on December 30, 2004 (3 pages).
	55.	Japanese Patent Office, "Office Action (Notice of Grounds of Rejection)," issued in connection with Japanese Patent Application Serial No. 2000-548980, on April 8, 2008, with its English language translation (6 pages).
	56.	English Language Translation of the Allowed Claims for Japanese Patent Application Serial No. 2000-548980, dated March 24, 2009 (4 pages).
	57.	Japanese Patent Office, "Notice regarding Submission of Prior Art Document by an Anonymous Third Party on May 25, 2007," issued in connection with Japanese Patent Application Serial No. 2000-548980 (3 pages).
	58.	English Language Translation of the Notice of Allowance issued by the Japanese Patent Office in connection with Japanese Patent Application Serial No. 2000-548980, on March 10, 2009 (2 pages).
	59.	English Language Translation of the First Office Action issued by the Mexican Patent Office, in connection with Mexican Patent Application Serial No. PA/a/2004/008118, dated July 2, 2007 (1 page).
	60.	English Language Translation of the Second Office Action issued by the Mexican Patent Office, in connection with Mexican Patent Application Serial No. PA/a/2004/008118, dated January 2, 2008 (1 page).
	61.	BBM, "Matching Pictures, Matching Expectations; The BBM PMT Validation Study Executive Summary Report," Vancouver, Canada, February 9, 1998 (10 pages).
	62.	PURDYE et al., "Matching Pictures, Matching Expectations; The BBM Validation Test of TN-AGB's Picture Matching Technology," conducted in Vancouver, Canada, 1998 (11 pages).
	63.	COOK et al., "Metering Television in the Digital Age" (4 pages).
	64.	BBM, "The M Files," The Department of Intergalactic Audience Measurement, Canada (2 pages).
	65.	SCTE DVS 136, "An Overview of PSIP for Cable," ATSC T3/S8 Doc. 268, issued on April 3, 1998 (5 pages).
	66.	AUDIO MEDIA, "Digital Audio Watermarking," January 1998 (4 pages).
	67.	NAMBA et al., "A Program Identification Code Transmission System Using Low-Frequency Audio Signals," NHK Science and Technical Research Laboratories, Tokyo, Japan, March 1985 (14 pages).
	68.	STEELE et al., "Simultaneous Transmission of Speech and Data Using Code-Breaking Techniques," pp. 2061-2105, Vol. 60, No. 9, The Bell System Technical Journal, American Telephone and Telegraph Company, issued in November 1981 (25 pages).

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.</p>	